

# NEC NC3200S

ORDER CODE: 60002816

**NEC NC3200S Digital Cinema Projector**

Bring your establishment into the future with the NEC NC3200S DLP Digital Cinema Projector.

Delivering exceptional image quality, brightness, resolution, contrast and colours together with a wealth of new revenue generation opportunities and backed by the trusted performance of one of the biggest names in Digital Cinema technology.

An ideal solution for Cinemas, Theatres, Conference Halls, Auditoriums.

## DELIVERING GENUINE BENEFITS

**Generate Greater Per Seat Revenue** Achieve additional income from showing higher quality, more entertaining media and arranging alternative sports, broadcast and education media during off peak operational times.

**Play Captivating 3D Content** Take your establishment into the next generation and stay in touch with the new competition with the latest digital content, which is becoming more and more an essential element of the latest movies and media.

**Enjoy Lower TCO** With easy servicing, more durable components and advanced servicing options you can enjoy better quality imaging whilst experiencing an overall lower cost of ownership.

**Bring Your Establishment Into The IT Age** Easy distribution of movies and media with copyright and licensing management together with simple and advanced management of new IT format.



NC3200S DIGITAL CINEMA PROJECTOR



## OUTSTANDING PERFORMANCE

- **SUITABLE FOR LARGER VENUES** Create outstanding images for screens up to 32m wide, with assured brightness of 31.000 Lumens using 7.0KW high-efficiency action lamp.
- **HIGH RESOLUTION AND CONTENT** Utilising DLP Cinema Technology from Texas Instruments. Exceptional image and colour quality with contrast ratios of 2200:1 or higher by using DMD chips that support a resolution of 2048 x 1080. This projector faithfully reproduces digital cinema and high-definition input sources requiring superior colour reproduction and wide gradation.
- **HIGH RELIABILITY** Newly designed separate cooling system creates positive air pressure internally to prevent contaminations from entering the optical system and lamp area. Lamp cooling air flow is separate from the main optics and electronics.

(continued)

This document is © Copyright 2010 NEC Display Solutions Europe GmbH. All rights are reserved in favour of their respective owners. The document, or parts thereof, should not be copied, adapted, redistributed, or otherwise used without the prior written permission of NEC Display Solutions Europe GmbH. This document is provided "as is" without warranty of any kind whatsoever, either express or implied. Errors and omissions are excepted.

NEC Display Solutions Europe GmbH may make changes, revisions or improvements in, or discontinue the supply of any product described or referenced in this document at any time without notice.

NEC Information:

Call: +49 (0)89/99 699-0

Email: infomail@nec-displays.com

[www.nec-display-solutions.com](http://www.nec-display-solutions.com)



INTUITIVE KEYBOARD LAYOUT

- **AUTOLAMP BRIGHTNESS AND CONTROL** Minimise fluctuations that occur during the life of the lamp. The brightness level will not decrease as the lamp is consumed. These projectors optimise lamp performance and ensure the brightest and most uniform image possible for the life of the lamp.
- **MINIMAL MAINTENANCE** Trouble-Free lamp replacement. Technicians can replace lamps simply from the back of the projector even in cramped space.
- **SIMPLE OPERATION** One touch operation, ergonomic keyboard layout and memory functions. Optional scaler/switcher for alternative content processing.
- **BUILT IN WEBSERVER** Access and control projectors from any authorised web browser.
- **WIDE CONVERTOR LENS AND MOTORISED TURRET**
- **FULL PANEL TRIPLE-FLASH CAPABILITY** Amazing 3D brightness.

## SPECIAL CHARACTERISTICS

- **LATEST DIGITAL TECHNOLOGY** Reduced costs, stunning and varied content, additional security, unsurpassed quality.



- Ecological Materials:** Minimal use of harmful materials
- Less Consumption:** Eliminate waste and landfill implications associated with 35mm media.

Save printing waste. All NEC datasheets are available for download at our website [www.nec-display-solutions.com](http://www.nec-display-solutions.com)

\*Excluding lens, lens hood and exhaust stack.  
 \*\*Excluding lens, lens hood, exhaust stack and handle.

Technical Specifications NEC NC3200S	
<b>PROJECTION METHOD</b>	3-chip DMD reflection method
<b>OPTICAL</b>	
Screen size	12 to 32m
Brightness	31,000 lumens when using NEC 7.0KW high-efficiency Xenon lamp bulb
Contrast Ratio	> 2200:1 (full on/off)
Lamp	High-efficiency Xenon lamp options (4.5KW, 6KW, 7KW)
Lens	
Primary Lenses (for 1.25" DLP Chip)	1.25 to 1.45:1 zoom      2.15 to 3.6:1 zoom 1.44 to 2.05:1 zoom      3.0 to 4.3:1 zoom 1.6 to 2.4:1 zoom          4.3 to 6.0:1 zoom 1.8 to 3.0:1 zoom
Focus	Motorized
Zoom	Motorized
Shift	Horizontal/Vertical Motorized
Other	Dowser (light shutter) Lens memory stores lens setting (shift/zoom/focus) Range of shift is dependent on lens
<b>DMD Specifications</b>	
Chip	1.25" DLP
Tilt Angle	12°
Pixels	2048 x 1080
DLP Cinema functions	CineLink2™, CineCanvas™, CinePalette™, CineBlack™
<b>Cooling method</b>	
Liquid	Liquid cooling inside, air cooling with dust-preventing electrostatic filter
Total thermal dissipation	35.500 BTU
Projector exhaust	16 m³/minute
Demand of exhaust duct	Yes
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	
External Controls	1 x LAN port [RJ-45] 1 x USB port [Type A] 1 x Serial port (RS-232C) [D-sub(9-pin)] 1 x General Purpose I/O [D-sub (37-pin)] General purpose I/O for 3D (1 x D-sub [15-pin]) 1 x Remote control connector
Input Terminals	4 x HD-SDI port [BNC]; 2 x DVI port [DVI-digital]
<b>ELECTRICAL</b>	
Power Supply Voltage	
Projector power supply unit	100 to 240V AC, 50/60Hz, single phase
Lamp power supply unit	200 to 230V / 380 to 415V AC, 50/60Hz, 3 phases
Rated Input Current	
Projector head	7A @ 100V-240V
Lamp power supply unit	17A @ 318V-400V, 28A @ 200V-230V
Power Consumption	
Projector head	700 VA
Lamp power supply unit	9.7 KVA
<b>ENVIRONMENTAL</b>	
Operational Temp	5° to 35° C
Humidity	10% to 85% (non-condensing)
Storage	-10° to 50° C
<b>MECHANICAL</b>	
External Dimensions (WxDxH)	
Projector head*	700 x 1124 x 503 mm
Lamp power supply unit**	594 x 398 x 452 mm
Net Weight	
Projector head	99 kg
Lamp power supply unit	52 kg
Fan Noise	< 66dB
Regulation - Europe	EN55022 1998, Class A      EN61000-3-11 EN55024-1998                  EN61000-3-12
<b>ACCESSORIES (option)</b>	Wide converter lens and motorized turret; Built-in alternative content processor; Optional input boards for alternative content processor; Air filter;
<b>WARRANTY</b>	1 year, parts warranty
Additional accessories are available. Visit <a href="http://www.nec-display-solutions.com">www.nec-display-solutions.com</a> for details.	